

ABSTRACT OF THE DISCLOSURE

A wedge-operated disc brake apparatus includes a piston accommodated within a cylinder portion to be slidable along an axial direction of the piston and adapted to push a brake pad toward a brake rotor, an actuator for generating a linear brake-actuating input, and a wedge transmission mechanism for converting the linear brake-actuating input into a brake-actuating output in the axial direction of the piston. The brake-actuating output is transmitted to the piston so as to cause the piston to push the brake pad toward the brake rotor. A resilient member is provided in order to axially urge the piston toward a direction away from the brake pad. A bearing may be provided between the piston and the cylinder portion in order to enable smooth axial movement of the piston.